

*Florida Keys Electric Cooperative
Association, Incorporated*

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

(305) 852-2431

June 15, 1993

Chairman James Quello
Federal Communications Commission
Washington, D. C. 20554

DOCKET FILE COPY ORIGINAL

Subject: Docket No. MM Docket 93-136 - Petition for Rule Making Filed by Radio Station
WZMQ, Key Largo, Florida, Filed December 17, 1992

Dear Mr. Quello:

The above-mentioned petition proposes frequency allocation changes to alleviate a serious interference problem.

A very serious interference problem to station WCTH (FM) exists in Key Largo, Florida. WCTH (FM), Plantation Key, Florida operates on 100.3 MHz at 100,000 watts, from a site on Plantation Key. The WCTH site is about 19 KM from the common site, on Key Largo, of WZMQ (FM), and WKLG (FM). WZMQ operates on 103.9 MHz at 50,000 watts and WKLG operates on 102.1 MHz at 50,000 watts; both stations feed the same antenna. There is an intermodulation interference problem which completely blanks out the WCTH signal for a large portion of Key Largo. Key Largo is by far the most densely populated area of the upper Florida Keys.

The Florida Keys Electric Cooperative Association, Inc. (FKEC) utilizes a subcarrier of station WCTH (FM) for its radio service. The subcarrier is used for the transmission of the FKEC radio service.